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SPECIAL ISSUE: APPROX-RANDOM 2013

Guest Editors' Foreword

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This collection comprises the expanded and fully refereed versions of selected papers presented at the 16th International Workshop on Approximation Algorithms for Combinatorial Optimization Problems (APPROX 2013) and the 17th International Workshop on Randomization and Computation (RANDOM 2013) held at UC Berkeley, CA, USA, August 21 – August 23, 2013. The selection was made by the program committees of the respective meetings (listed below). Preliminary versions of the papers were presented at the workshops and the extended abstracts appeared in the proceedings of the meetings published by Springer.

The APPROX Program Committee selected 23 out of 46 submissions for presentation at the Workshop; of these, 3 were invited to this Special Issue. The RANDOM Program Committee selected 25 out of 52 submissions; of these, 3 were invited to this Special Issue. The authors of the six selected papers accepted the invitation.

The papers selected from APPROX 2013 cover topics of approximation algorithms and hardness of approximation, while the papers selected from RANDOM 2013 cover topics in differential privacy and learning, property testing, and random structures and processes. All papers were refereed in accordance with the usual rigorous standards of Theory of Computing.

We would like to thank the authors for their contributions and the anonymous referees for their hard work that helped improve the quality of this issue. It was a pleasure to edit this special issue for Theory of Computing.

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